

FS GRANTED
EXNAM Primary Examiner: Riley, Jezia
LREP McDermott, Will & Emery
CLMN Number of Claims: 47
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 1575

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to vancomycin analogs in which the vancosamine residue is substituted with a lipid-like substituent that includes a first aryl moiety and a second aryl moiety joined together by a flexible linker moiety, that is not a single bond directly joining the first aryl moiety and the second aryl moiety, and a glucose C-6 substituent modified to be other than the naturally occurring hydroxyl group, or pharmaceutically acceptable salts thereof.

=> d his

(FILE 'HOME' ENTERED AT 10:43:53 ON 30 AUG 2007)

FILE 'REGISTRY' ENTERED AT 10:47:39 ON 30 AUG 2007

L1 0 S VANCOMYCIN/CRN
L2 1 S VANCOMYCIN/CN
L3 65 S 1404-90-6/CRN

FILE 'CASREACT' ENTERED AT 10:50:37 ON 30 AUG 2007

L4 22 S 1404-90-6/RRT
L5 2 S L4 AND SULFONYL HALIDE/FG.RXN
L6 4 S L4 AND (VANCOMYCIN ANALOG OR VANCOMYCIN ANALOUGE)

FILE 'REGISTRY' ENTERED AT 11:04:25 ON 30 AUG 2007

L7 0 S MESITLENESULFONYL CHLORIDE/CN
L8 0 S MESITYLENESULFONYLCHLORIDE/CN
L9 1 S MESITYLENESULFONYL CHLORIDE/CN

FILE 'CASREACT' ENTERED AT 11:05:32 ON 30 AUG 2007

L10 244 S 773-64-8/RRT
L11 1 S L10 AND L3

FILE 'REGISTRY' ENTERED AT 11:10:49 ON 30 AUG 2007

L12 STRUCTURE UPLOADED
L13 0 S L12 SSS SAM
L14 13 S L12 SSS FUL

FILE 'CAPLUS' ENTERED AT 11:11:47 ON 30 AUG 2007

L15 3 S L14

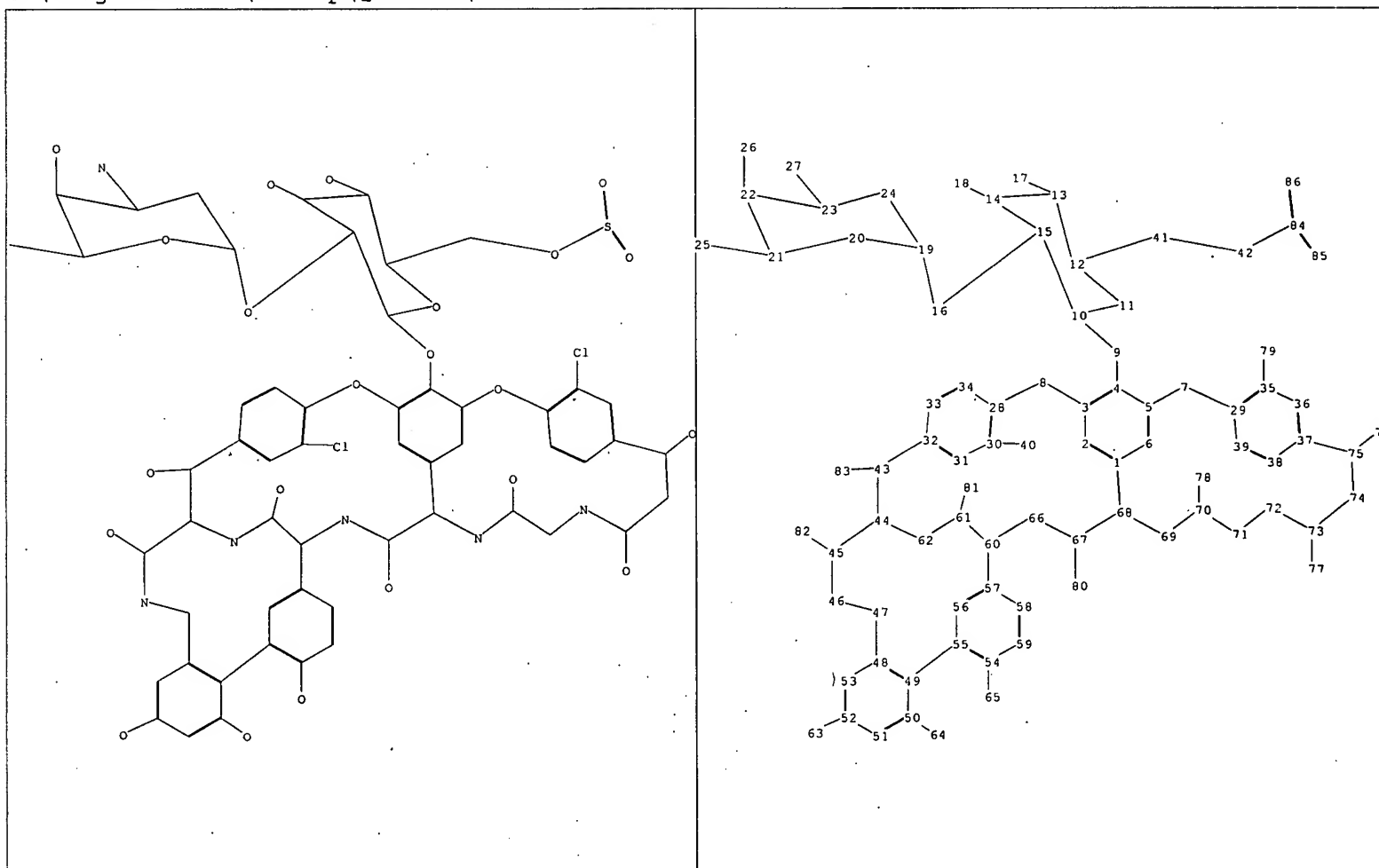
FILE 'USPATFULL' ENTERED AT 11:12:33 ON 30 AUG 2007

L16 5 S L14

=> log hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	11.73	392.80
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-7.45

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 11:13:07 ON 30 AUG 2007



chain nodes :

9 16 17 18 25 26 27 40 41 42 63 64 65 76 77 78 79 80 81 82 83 84
85 86

ring nodes :

1 2 3 4 5 6 7 8 10 11 12 13 14 15 19 20 21 22 23 24 28 29 30 31
32 33 34 35 36 37 38 39 43 44 45 46 47 48 49 50 51 52 53 54 55 56
57 58 59 60 61 62 66 67 68 69 70 71 72 73 74 75

chain bonds :

4-9 9-10 12-41 13-17 14-18 15-16 16-19 21-25 22-26 23-27 30-40 35-79 41-42
42-84 43-83 45-82 50-64 52-63 54-65 61-81 67-80 70-78 73-77 75-76 84-85
84-86

ring bonds :

1-2 1-6 1-68 2-3 3-4 3-8 4-5 5-6 5-7 7-29 8-28 10-11 10-15 11-12 12-13
13-14 14-15 19-20 19-24 20-21 21-22 22-23 23-24 28-30 28-34 29-35 29-39
30-31 31-32 32-33 32-43 33-34 35-36 36-37 37-38 37-75 38-39 43-44 44-45
44-62 45-46 46-47 47-48 48-49 48-53 49-50 49-55 50-51 51-52 52-53 54-55
54-59 55-56 56-57 57-58 57-60 58-59 60-61 60-66 61-62 66-67 67-68 68-69
69-70 70-71 71-72 72-73 73-74 74-75

exact/norm bonds :

1-68 3-8 4-9 5-7 7-29 8-28 9-10 10-11 10-15 11-12 12-13 13-14 13-17 14-15
14-18 15-16 16-19 19-20 19-24 20-21 21-22 22-23 22-26 23-24 23-27 32-43
37-75 41-42 42-84 43-44 43-83 44-45 44-62 45-46 45-82 46-47 47-48 49-55
50-64 52-63 54-65 57-60 60-61 60-66 61-62 61-81 66-67 67-68 67-80 68-69
69-70 70-71 70-78 71-72 72-73 73-74 73-77 74-75 75-76 84-85 84-86

exact bonds :

12-41 21-25 30-40 35-79

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 28-30 28-34 29-35 29-39 30-31 31-32 32-33 33-34
35-36 36-37 37-38 38-39 48-49 48-53 49-50 50-51 51-52 52-53 54-55 54-59
55-56 56-57 57-58 58-59

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS 18:CLASS 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:CLASS 26:CLASS 27:CLASS 28:Atom
29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom
39:Atom 40:CLASS 41:CLASS 42:Atom 43:Atom 44:Atom 45:Atom 46:Atom 47:Atom
48:Atom 49:Atom 50:Atom 51:Atom 52:Atom 53:Atom 54:Atom 55:Atom 56:Atom 57:Atom
58:Atom 59:Atom 60:Atom 61:Atom 62:Atom 63:CLASS 64:CLASS 65:CLASS 66:Atom
67:Atom 68:Atom 69:Atom 70:Atom 71:Atom 72:Atom 73:Atom 74:Atom 75:Atom
76:CLASS 77:CLASS 78:CLASS 79:CLASS 80:CLASS 81:CLASS 82:CLASS 83:CLASS 84:CLASS
85:CLASS 86:CLASS